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Sheet 1 of 3

Con	mplete If Known
Application Number	10/648,009
Filing Date	August 25, 2003
First Named Inventor	Amlan Datta
Art Unit	1755
Examiner Name	Paul D. Marcantoni
Attorney Docket Number	129843.1104

			U. S. PATENT D	OCUMENTS	
Examiner Initial	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
		Number-Kind Code 2 if brown			Appear
		US 3,321,414	05/23/1967	Vieli	
		US 4,292,206	09/29/1981	Barnes Jr. et al.	
		US 4,394,346	07/19/1983	Morooka	
-		US 4,448,599	05/15/1984	Mackenzie et al.	
		US 4,540,629	09/10/1985	Sands et al.	
		US 4,769,189	09/06/1988	Douden	
		US 5,128,114	07/07/1992	Schwartz	
		US 5,194,334	03/16/1993	Uerdingen et al.	
		US 5,967,211	10/19/1999	Lucas et al.	
		US 6,034,155	03/07/2000	Espeland et al.	
		US 6,048,593	04/11/2000	Espeland et al.	
		US 6,207,077	03/27/2001	Burnell-Jones	
		US 6,254,845	07/03/2001	Ohashi et al.	
	1111	US 6,444,162	09/03/2002	Anshits et al.	

Examiner Initial	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Country or Patent Office	Pages, Columns, Lines, Where	T.,
Irii Ciai	No.	Country Code ³ Number ⁴ Kind Code ^{1 (f barnet)}	WW-DD-1111		Relevant Passages or Relevant Figures Appear	1
		EP 0242872	04/22/1987	Europe		7
		EP 0891954	04/14/2004	Europe		\top
		EP 0931778	04/10/2002	Europe		十
		EP 0999232	03/03/2004	Europe		ナ
		EP 1172341	01/16/2002	Europe		+
		DE 19962137	06/28/2001	Germany		\top
		DE 3314796	10/25/1984	Germany		+

Examiner Signature	/Paul Marcantoni/	Date Considered	02/25/2008
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	Initial No.1	Number-Kind Code 2 of Income	WINN-DD-11111	Applicant of Cited Document	Appear
		US 2004/0262801 A1	12/30/2004	Hojaji et al.	

		FOREIGN PATENT	OR PUBLISHED FO	REIGN PATENT APPLICATION	ON		
Examiner Initial	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Country or Patent Office	Pages, Co Relevant I	lumns, Lines, Where assages or Relevant	т,
		Country Code ³ Number ⁴ Kind Code ⁵ of Innoved			Figures A	pear	
	-	GB 1062410	03/22/1967	United Kingdom			
		GB 1515521	06/28/1978	United Kingdom			Т
		GB 2330138	04/14/1999	United Kingdom			
		GB 682432	11/12/1952	United Kingdom			\top
		GB 743866	01/25/1956	United Kingdom			1
		GB 744070	02/01/1956	United Kingdom			
		GB 752345	07/11/1956	United Kingdom			1
		GB 896910	05/23/1962	United Kingdom			
		WO 98/03284	01/29/1998	WIPO			
		WO 98/29353	07/09/1998	WIPO			
		SU 1650196 A (Abstract)	05/23/1991	Russia			
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Signature

/Paul Marcantoni/

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/P.M./	Sphere Services Inc. "Cenospheres – Hollow Ceramic Microspheres" website article located at: http://www.sphereservices.com/ceno.html (2 pgs.), dated 05/15/2007	
	"Technology Education - Glass" by Encyclopedia Britannica (4 pgs.) website article located at:	
/P.M	http://www.geocities.com/tech_ed_2000/industrial/manufacturing/glass/glass.htm?20dated_05/15/2007	
/P.M./	Digital Fire Corporation "Do You Need to Know About Eutectics to Make a Good Glaze?" (4 pgs.) website article located at: http://www.digitalfire.ab.ca/cermat/education/119.php?PHPSESSID = 1e2d7f3f3a246983 94ecae57ed3b06d5 dated 07/14/2003	
/P.M.	Corning Glass Works "Glass" reprinted version of the Encyclopedia of Chemical Technology (Vol. 10) (3 pgs.)	
/P.M./	U.S. Patent Application Ser. No. 11/031,406 filed by EERC – abandoned due to preliminary injunction issued in James Hardie's favor	
/P.M./	U.S. Patent Application Ser. No. 11/031,829 filed by EERC – abandoned due to preliminary injunction issued in James Hardie's favor	
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